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FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Commissioner for Patents	Rosalyn M. Espejo
COMPANY:	DATE:
U.S. Patent and Trademark Office	11/23/04
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
703-872-9306	20
PHONE NUMBER:	SENDER'S PHONE NUMBER:
703-308-1202	858-202-4556
RE:	
Inventors: Stuepnagel et al.	
Serial No. 09/606,369	
Filing Date: June 28, 2000	
Title: COMPOSITE ARRAYS UTILIZING MICROSPHERES WITH A HYBRIDIZATION CHAMBER	
Docket No. A-67493-3	
Confirmation No.: 6020	
Examiner: W.H. Beisner	
Group Art Unit: 1744	

URGENT FOR REVIEW PLEASE COMMENT PLEASE REPLY PLEASE RECYCLE

NOTES/COMMENTS:

CERTIFICATE OF TRANSMISSION

I, Rosalyn M. Espejo, hereby certify that this correspondence, including listed enclosures, is being transmitted by facsimile to the United States Patent and Trademark Office on November 23, 2004.

Signed:

Rosalyn M. Espejo

Attached is an Amendment Under 37 C.F.R. 1.116 for the above-referenced patent application.

CONFIDENTIAL

Our Docket No: A-67493-3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)
Stuelpnagel et al.) Examiner: Beisner, W.H.
Serial No.: 09/606,369) Group Art Unit: 1744
Filed: June 28, 2000) Confirmation No.: 6020
For: COMPOSITE ARRAYS)
UTILIZING MICROSPHERES WITH A)
HYBRIDIZATION CHAMBER)

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Rosalyn M. Espcjo

TRANSMITTAL LETTER

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing are the following:

- Amendment Under 37 C.F.R. 1.116 (10 pages); and
- Application Data Sheet (7 pages).
- Applicants claim small entity status.

Page 2 of 2
 Stuelpnagel et al.
 Serial No.: 09/606,369
 Filing date: June 28, 2000

PENDING CLAIMS

	No. of current claims	Highest number previously paid for	No. extra	Small entity fee	Other entity fee
Total claims	59	64	0	x 9 = \$ 0	x 18 = \$
Independent claims	5	8	0	x 44 = \$ 0	x 88 = \$
First presentation of multiple dependent claims	_____ yes	xx no		+150 = \$ 0	+300 = \$
Total additional fee				\$ 0	\$

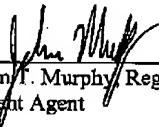
The Applicants believe that no additional fees are due. To the extent necessary, Applicants petition for an extension of time under 37 C.F.R. 1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension fees, but excluding issue fees, to Deposit Account No. 502690 (Order No. A-67493-3) and please credit any excess fees to such deposit account.

Please address all correspondence to:

John T. Murphy
 Illumina, Inc.
 9885 Towne Centre Dr.
 San Diego, CA 92121-1975
 (Customer No. 29389)

Respectfully submitted,

Date: November 23, 2004


 John T. Murphy, Reg. No. 50,583
 Patent Agent

Docket No.: A-67493-3

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RESPONSE UNDER 37 CFR 1.116
EXPEDITED PROCEDURE

Applicant:	STUELPNAGEL et al.	Customer No.: 29389 Confirmation No.: 6020	RECEIVED CENTRAL FAX CENTER NOV 23 2004
Appl. No.:	09/606,369		
Filed:	June 28, 2000	Group Art Unit: 1744	
		Examiner: W. H. Beisner	
Title: COMPOSITE ARRAYS UTILIZING MICROSPHERES WITH A HYBRIDIZATION CHAMBER			

CERTIFICATE OF TRANSMISSION

I, Rosalyn M. Espacio, hereby certify that this correspondence, including listed enclosures, is being transmitted by facsimile to the United States Patent and Trademark Office on November 23, 2004.

Signed 
Rosalyn M. Espacio

AMENDMENT UNDER 37 CFR 1.116

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action mailed October 19, 2004, entry of the Amendments below and consideration of the following Remarks is respectfully requested.

Amendments to the Specification begin on page 3 of this paper.

Page 2 of 10

Inventors: Stuelpnagel et al.

Serial No. 09/606,369

Filing date: June 28, 2000

Amendments to the Claims begin on page 4 of this paper.

Remarks begin on page 8 of this paper.